GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA

UNSTARRED QUESTION NO:896
ANSWERED ON:28.04.2016
New Technology
Meena Shri Arjunlal

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether Central Road Research Institute has developed customised driving simulator machines incorporating Indian road conditions;
(b) if so, the details and the benefits thereof;
(c) whether the said simulators would help simplify the procedure for driving test;
(d) if so, the details thereof;
(e) whether the Government proposes to direct the States to adopt this new technology; and
(f) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

(SHRI PON. RADHAKRISHNAN)

(a) Central Road Research Institute (CRRI) has informed that they have developed a customised driving simulator incorporating Indian Road conditions in association with industrial partner M/s FAROS Simulation System Private Limited.

(b) The simulator is having the necessary accessories e.g. steering, accelerator, clutch, and gear box, brake etc. with 135 degree screen display which give the real feel of actual road environment with realistic Indian road infrastructure. It has various electronic sensors and mechanical elements to interface with the simulation system and the accessories that simulate road graphics realistic along with engine noise. The simulator also generates different controlled road side obstacles or hazards as observed generally on our roads for which drivers have to sense and react while driving.

(c) The simulator focuses on the effective evaluation of driver at the same time help to simplify the procedure for driving test.

(d) The simulator would be useful for the measurement of driving traits in Indian traffic conditions and also will be helpful to highlight which type of training is required for particular drivers for making him / her defensive driver with safe driving qualities.
(e) & (f) No such proposal is under consideration of the Ministry of Road Transport & Highways.
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